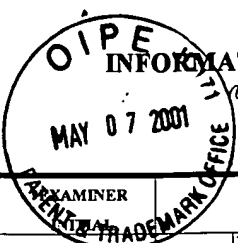
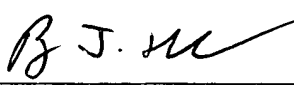
 <p><b>OIPES INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>		Docket Number (Optional) <b>13919 (NECI 1)</b>		Application Number <b>09/705,507</b>	
		Applicant(s) <b>David W. Jacobs, et al.</b>			
		Filing Date <b>November 3, 2000</b>		Group Art Unit <b>2623</b>	
<p><b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)</p>					
<b>RJH</b>		P.N. Belhumeur et al., "What is the Set of Images of an Object Under All Possible Lighting Conditions?", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 270-277, 1996			
<b>RJH</b>		P.N. Belhumeur et al., "The Bas-Relief Ambiguity", International Journal of Computer Vision, Vol. 35, No. 1, pp 33-44, 1999			
<b>RJH</b>		B. Cabral et al., "Bidirectional Reflection Functions from Surface Bump Maps", Computer Graphics Vol. 21, No. 4, pp. 273-281, 1987			
<b>RJH</b>		T.F. Cootes et al., "Training Models of Shape from Sets of Examples", Proceedings of the British Machine Vision Conference, pp. 9-18, 1992			
<b>RJH</b>		M. D'Zmura, "Shading Ambiguity: Reflectance and Illumination", Computational Models of Visual Processing, Landy, M. and Movshon, J. (eds.), pp. 187-207, 1991			
<b>RJH</b>		A.S. Georgiades et al., "Illumination Cones for Recognition Under Variable Lighting: Faces", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 52-58, 1998			
<b>RJH</b>		A.S. Georgiades et al., "From Few to Many: Generative Models for Recognition Under Variable Pose and Illumination", Proceedings of the International Conference on Automatic Face and Gesture Recognition, pp. 277-284, 2000			
<b>RJH</b>		H. Groemer, Geometric Applications of Fourier Series and Spherical Harmonics, Cambridge University Press, 1996 <b>pp 97-118</b>			
<b>RJH</b>		G.H. Golub et al., Matrix Computations, John Hopkins University Press, 1989 <b>pp. 466-474</b>			
<b>RJH</b>		P.W. Hallinan, "A Low-Dimensional Representation of Human Faces For Arbitrary Lighting Conditions", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 995-999, 1994			
<b>RJH</b>		H. Hayakawa, "Photometric stereo under a light source with arbitrary motion", Journal of the Optical Society of America, Vol. 11, No. 11, pp. 3079-3089, 1994			
<b>RJH</b>		B.K.P. Horn, Robot Vision, MIT Press, 1986 <b>pp. 202-277</b>			
EXAMINER <b>B. J. He</b>		DATE CONSIDERED <b>1/29/04</b>			
<p><small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>					

		Docket Number (Optional) <b>13919 (NECI 10)</b>	Application Number <b>09/705,507</b>
		Applicant(s) <b>David W. Jacobs, et al.</b>	
		Filing Date <b>November 3, 2000</b>	Group Art Unit <b>2623</b>
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
RJH		D.W. Jacobs et al., "Comparing Images Under Variable Illumination", NECI TR#97-183, 1997	
RJH		M. Kirby et al., "Application of the Karhunen-Loève Procedure for the Characterization of Human Faces" IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 12, No. 1, pp. 103-108, 1990	
RJH		J.J. Koenderink et al., "Bidirectional Reflection Distribution Function expressed in terms of surface scattering modes", Proceedings of the 4th European Conference on Computer Vision, Vol. 2, pp. 28-39, 1996 Technology Center 2600	
RJH		J. J. Koenderink et al., "The Generic Bilinear Calibration-Estimation Problem", International Journal of Computer Vision, Vol. 23, No. 3, pp. 217-234, 1997	
RJH		Y. Moses, Face Recognition: Generalization to Novel Images, Ph.D. Thesis, Weizmann Institute of Science, Israel, 1993	
RJH		H. Murase et al., "Visual Learning and Recognition of 3-D Objects from Appearance", International Journal of Computer Vision, Vol. 14, No. 1, pp. 5-24, 1995	
RJH		A. Shashua, "On Photometric Issues in 3D Visual Recognition from a Single 2D Image", International Journal of Computer Vision, Vol. 21, No. 1/2, pp. 99-122, 1997	
RJH		K.E. Torrance et al., "Theory for Off-Specular Reflection From Roughened Surfaces", Journal of the Optical Society of America, Vol. 57, No. 9, pp. 1105-1114, 1967	
RJH		M. Turk et al., "Eigenfaces for Recognition", Journal of Cognitive Neuroscience, Vol. 3, No. 1, pp. 71-86, 1991	
RJH		S. Ullman et al., "Recognition by Linear Combinations of Models", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 13, No. 10, pp. 992-1006, 1991	
RJH		S.H. Westin et al., "Predicting Reflectance Functions from Complex Surfaces", Computer Graphics, Vol. 26, No. 2, pp. 255-264, 1992	
RJH		A.L. Yuille et al., "Determining Generative Models of Objects Under Varying Illumination: Shape and Albedo from Multiple Images Using SVD and Integrability", International Journal of Computer Vision, Vol. 35, No. 3, pp. 203-222, 1999	
EXAMINER 		DATE CONSIDERED <b>1/29/04</b>	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			